Please type a plus sign (+) inside this box [+]

(Only fo

1. 🗵 2. 区

4. Oath or Declaration

Approved for use through 09/30/00. OMB 0651-0032 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY	Attorney D			4470-00661	Total Pages	28	
PATENT APPLICATION		First	Named Inv	entor or Applic	ation Identifie	r o	
TRANSMITTAL	Jeffrey U. Gafner						
Only for new nonprovisional applications under 37 CFR 1.53(b)		ess Mail	Label No.	EL812734031	US	- 2	
APPLICATION ELEMENTS		ADDE	ESS TO: A	ssistant Commissio	ner for Patents	_ა, @	
See MPEP chapter 600 concerning utility patent application content							
			Washington, D.C. 20231				
		6.	Microfiche	Computer Prog	ram (Appendix) ===	
▼ Fee Transmittal Form						7	
(Submit an original, and a duplicate for fee processing)		Nucleotide and/or Amino Acid Sequence Submission					
		(if	applicable, all				
		a.		uter Readable C			
(preferred arrangement set forth below)		b.		Copy (identical			
- Descriptive title of the Invention		c.		nent verifying id			
 Cross References to Related Applications 	ACCOMPANYING APPLICATION PARTS						
 Statement Regarding Fed sponsored R & D 		8.	Assignme	nt Papers (as orig	inally filed)		
 Reference to Microfiche Appendix 							
 Background of the Invention 		9. 🗆	37 CFR 3.	73(b) Statement	☐ Power of A	ttorney	
- Brief Summary of the Invention			(when there	is an assignee)			
 Brief Description of the Drawings (if filed) 							
 Detailed Description 		10.	English Tr	anslation Docun	nent (if applicat	ole)	
- Claim(s)							
 Abstract of the Disclosure 		11. 🗆	Informatic	n Disclosure	☐ Copies o	of IDS	
Drawing(s) (35 USC 113) [Total Sheets 5	۱, ا		Statement	(IDS)/PTO-144	9 Citation	S	

a. Newly executed (original or copy) b.
 ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below] i. DELETION OF INVENTOR(S)

[Total Pages

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 5.

Incorporation By Reference (useable if Box 4b is

checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

13. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

12.

□ Preliminary Amendment

14.

Small Entity Status is hereby declared.

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. □ Other:

14. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

18. CORRESPONDENCE ADDRESS

☑ Customer Number or Bar Code Label



PATENT TRADEMARK OFFICE

or Correspondence address below.

User ID

PTO/SB/17 COMPLETE IF KNOWN (10/97)Application Number FEE TRANSMITTAL Filing Date 01/24/02 First Named Inventor Dennis L. Lemke Group Art Unit Examiner Name Total Amount of Payment (\$) 1.016.00 Attorney Docket Number 4470-00635 METHOD OF PAYMENT (check one) FEE CALCULATION (continued) II The Commissioner is hereby authorized to charge Additional Fees indicated fees and credit any over payments to: Large Entity Small Entity Deposit Fee Fee Fee Fee 01.2000 Account Code (\$) Code (\$) Fee Description Fee Paid Number 130 205 65 Surcharge-late filing fee or oath 127 50 227 25 Surcharge-late provisional filing fee Account Andrus, Sceales, Starke & Sawall, LLP or cover sheet 139 130 139 130 Non-English specification 147 2,520 147 2,520 For filing a request for reexamination □ Charge any additional ☐ Charge the Issue Fee 920* 112 920* Requesting publication of SIR prior to fee required under 37 set in 37 CFR 1.18 at Examiner action CFR 1.16 and 1.17 the Mailing Of the 113 1,840* 113 1,840* Requesting publication of SIR after Notice of Allowance, Examiner action 37 CFR 1.311(b) 115 110 215 55 Extension for response within first ☑ Payment Enclosed: month ☑ Check ☐ Money Order ☐ Other 116 400 216 200 Extension for response within second FEE CALCULATION (fees effective 10/01/97) month Filing Fee 950 217 475 Extension for response within third Large Entity Small Entity month Fee Fee Fee Fee 118 1,510 218 755 Extension for response within fourth Code (\$) Code (\$) month 128 2.060 228 1.030 Extension for response within fifth 370 Utility filing fee 101 740 201 \$740 month 310 219 106 310 206 155 Design filing fee 119 155 Notice of appeal 107 480 207 240 Plant filing fee 120 310 220 155 Filing a brief in support of an appeal 108 790 208 395 Reissue filing fee 121 270 221 135 Request for oral hearing 138 1,510 138 1,510 114 150 214 Provisional filing fee Petition to institute a public use proceeding SUBTOTAL (1) (\$) 740.00 140 110 240 55 Petition to revive unavoidably abandoned application 2. Claims Fee from Fee Paid 141 1,320 241 660 Petition to revive unintentionally below abandoned application 142 1,320 242 660 Utility issue fee (or reissue) Total claims 26 -20= 6 X \$18 = \$108 Independent 5 - 3 = 2 X \$84 = \$168 143 450 243 225 Design issue fee Claims 144 670 244 335 Plant issue fee 122 Multiple Dependent 130 122 130 Petitions to the Commissioner Claims 123 50 123 50 Petitions related to provisional applications Large Entity Small Entity Fee 126 240 126 240 Submission of Information Disclosure Fee Fee Fee Fee Description Statement Code (\$) Code (\$) 581 40 581 Recording each patent assignment per_ 103 18 203 Q Claims in excess of 20 property (times number of 102 78 202 39 Independent claims in properties 146 790 246 395 Filing a submission after final rejection excess of 3 104 270 (37 CFR 1.129(a)) 204 135 Multiple dependent claim 109 82 209 Reissue independent 790 249 395 For each additional invention to be claims over original examined (37 CFR 1.129(b)) patent 110 22 210 Reissue claims in excess of Other fee (specify) 20 and over original patent Other fee (specify) SUBTOTAL (2) (\$) 276.00 SUBTOTAL (3) *Reduced by Basic Filing Fee Paid SUBMITTED BY COMPLETE (if applicable) Type or Joseph J. Jochman, Jr. Registration Number 25.058 Printed name Andrus, Sceales, Starke & Sawall, LLP Date 01/24/02 Deposit Account

LF

di

170

Signature

CERTIFICATE OF EXPRESS MAIL

This is to certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL POST OFFICE TO ADDRESSEE in an envelope addressed to Commissioner of Patents and Trademarks, Washington D.C., 20231 on 01/24/2002. The Express Label is EL812734031US

Barbara A. Johnson 01/24/02
Date